

5

# METHOD FOR PREPARING COMPOSITE FLEXIBLE GRAPHITE MATERIAL

10

### **Abstract of the Disclosure**

10

An improved method enables preparation of articles for a variety of applications, including embossing or otherwise shaping to form a variety of articles. A plurality of thin, preferably resin-impregnated, flexible graphite sheets are arranged to form zones in a composite material having a graded density or other characteristic. Variation of properties between zones in the stock material formed is useful for achieving a desired set of properties in the formation of articles such as those useful in electrochemical fuel cells and double-layer capacitors.